

IN THE CLAIMS

1-11 Cancelled

12. (Previously Presented) A method for providing active members of a
2 Voice Group Call Service (VGCS) with additional information, the method comprising:
transmitting the additional information in a message on an associated control
4 channel for a traffic channel of the voice group, wherein the message contains a voice
group call ID (VGC-ID) or a voice group call Reference (VGC reference);
6 triggering, via a mobile switching center (MSC), a message, addition-information-
request-message, on an A-interface a base station subsystem (BSS), to send the additional
8 information to the group members; and
sending, via the BSS the additional information on a slow associated control
10 channel (SACCH) of all traffic channels (TCHs) where the VGC is ongoing.

13. (Previously Presented) The method according to claim 12, wherein the
2 message is sent on a resource controlling signaling connection control part (SCCP)
connection.

14. (Previously Presented) The method according to claim 12, wherein the
2 message is sent on a controlling signaling connection control part (SCCP) connection of
the VGC without addressing a meant VGC.

15. (Previously Presented) The method according to claim 12, wherein the
2 additional information is not provided in radio cells which belong to the VGC-area but a
VGC-channel is not established.

16. (Previously Presented) The method according to claim 13, wherein the
2 additional information is not provided in radio cells which belong to the VGC-area but a
VGC-channel is not established.

17. (Previously Presented) The method according to claim 14, wherein the
2 additional information is not provided in radio cells which belong to the VGC-area but a
VGC-channel is not established.

18. (Previously Presented) The method according to claim 12, wherein the
2 additional information is sent on a controlling signaling connection control part (SCCP)
connection, wherein the BSS is responsible for sending the additional information on all
4 SACCHs for this VGC.

19. (Previously Presented) The method according to claim 13, wherein the
2 additional information is sent on a controlling signaling connection control part (SCCP)
connection, wherein the BSS is responsible for sending the additional information on all
4 SACCHs for this VGC.

20. (Previously Presented) The method according to claim 14, wherein the
2 additional information is sent on a controlling signaling connection control part (SCCP)
connection, wherein the BSS is responsible for sending the additional information on all
4 SACCHs for this VGC.

21. (Previously Presented) The method according to claim 12, wherein after
2 having sent the additional information, the BSS provides an acknowledge information to
the MSC that the additional information was sent to mobile stations (MSs).

22. (Previously Presented) The method according to claim 13, wherein after
2 having sent the additional information, the BSS provides an acknowledge information to
the MSC that the additional information was sent to mobile stations (MSs).

23. (Previously Presented) The method according to claim 14, wherein after
2 having sent the additional information, the BSS provides an acknowledge information to
the MSC that the additional information was sent to mobile stations (MSs).

24. (Previously Presented) The method according to claim 12, wherein in
2 order to give an indication that the additional information was at least received by a
current talker, said talker sends an acknowledgement on an uplink-SACCH for this VGC.

25. (Previously Presented) The method according to claim 13, wherein in
2 order to give an indication that the additional information was at least received by a
current talker, said talker sends an acknowledgement on an uplink-SACCH for this VGC. . . .

26. (Previously Presented) The method according to claim 14, wherein in
2 order to give an indication that the additional information was at least received by a
current talker, said talker sends an acknowledgement on an uplink-SACCH for this VGC.

27. (Previously Presented) A system for providing members of a Voice
2 Group Call Service (VGCS) with additional information, the system comprising:
first signal processing units for dedicated text-and/or binary signal transmission;
4 second signal processing units for speech transmission purposes in combination
with said first signal processing units;
6 the additional information contains a voice group call ID (VGC-ID) or a voice
group call Reference (VGC Reference);
8 an A-interface;
a base station subsystem (BSS); and
10 a mobile switching center (MSC) connected via said A-interface to said BSS for
sending the additional information to the group members via a message, additional-
12 information-request-message; wherein
the additional information is sent on a slow associated control channel (SACCH)
14 of all traffic channels (TCHs) where the VGC is ongoing.